

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 2, 3, 4 and 9-17:

1. (ORIGINAL) A method of formation of a capacitor forming part of an electric circuit when producing a circuit board with that electric circuit built in, including the steps of:

forming at a scheduled position for formation of the capacitor of the circuit board in the process of production a bottom electrode layer comprised of at least one type of valve metal selected from the group comprised of aluminum, tantalum, niobium, tungsten, vanadium, bismuth, titanium, zirconium, and hafnium;

forming on said bottom electrode layer a dielectric layer comprised of an oxide of at least one type of valve metal selected from said group; and

integrally forming on said dielectric layer a solid electrolyte layer comprised of an organic semiconductor and a top electrode layer comprised of metal on top;

said step of integrally forming on said dielectric layer said solid electrolyte layer and top electrode layer including the steps of:

making one surface of the top electrode metal foil carry powder of said organic semiconductor by compression bonding and

forming a solid electrolyte layer comprised of said organic semiconductor sandwiched between said metal foil and said dielectric layer and closely bonded to the two by thermo compression bonding of organic semiconductor powder carried by compression bonding on said dielectric layer through said metal foil.

2. (CANCELLED)

3. (CANCELLED)

4. (CANCELLED)

5. (CURRENTLY AMENDED) A method of formation of a capacitor as set forth in ~~any one of claims 1 to 4~~ claim 1, wherein the organic semiconductor forming said solid electrolyte layer is a TCNQ complex.

6. (CURRENTLY AMENDED) A capacitor formed by a method as set forth in ~~any one of claims 1 to 4~~ claim 1.

7. (CURRENTLY AMENDED) A method of production of a circuit board including a method of formation of a capacitor as set forth in ~~any one of claims 1 to 4~~ claim 1.

8. (ORIGINAL) A circuit board produced by the method of claim 7.

9. (CANCELLED)

10. (CANCELLED)

11. (CANCELLED)

12. (CANCELLED)

13. (CANCELLED)

14. (CANCELLED)

15. (CANCELLED)

16. (CANCELLED)

17. (CANCELLED)